



# *Antiterrorism/Force Protection*

## *Shipboard Security*

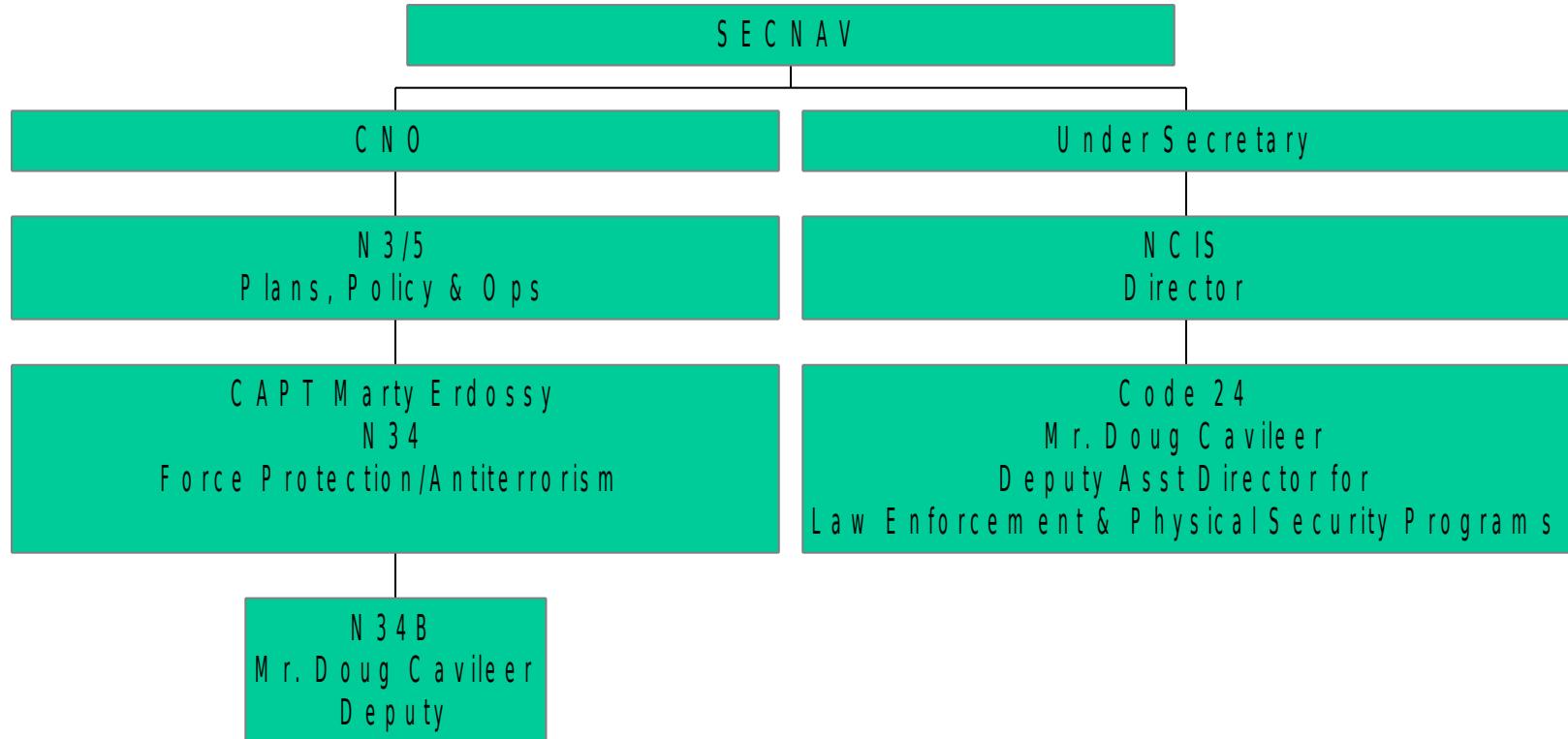


Nick Lakis  
CNO N348L  
13 Mar 01



# ***CNO Force Protection Organization***

## ***CNO (N34)/NCIS (Code 24)***





# ***CNO's Antiterrorism/Force Protection (AT/FP) Conference //***

- **Antiterrorism/Force Protection Conference Held 21-23 February 2001**
  - **Five Working Groups Convened to Resolve Issues Facing Navy's AT/FP**
    - Port Visit Process
    - Technology
    - Naval Security Forces
    - Policy, Training, and Doctrine
    - Resources



# *Terrorist Attacks: Historical Perspective*

	Beirut	Khobar Towers	African Embassy	Cole
<b>Perceived Threat</b>	Sniper	Small bomb (interior)	Small bomb (interior)	Pier Side Attack
<b>Destructive Mechanism</b>	Bomb	Bomb	Bomb	Bomb
<b>Delivery Method</b>	Truck	Truck	Truck	Boat
<b>Geographic Region</b>	ME	ME	Africa	ME
<b>Intel</b>	General threat	General threat	General threat	General threat
<b>Lesson</b>	Application of rules of engagement	Greater stand-off distance	Recognize world-wide threat	Anticipate new methods



# *Antiterrorism/Force Protection*

- **The Message Presented by Vice-CNO at the AT/FP Conference Regarding Antiterrorism/Force Protection:**

## **SEA CHANGE**

- **How Do We Keep Force Protection in Everyone's Focus?**
  - Take It Personally
  - Warrior Mindset
  - Situational Awareness
  - Constant Vigilance

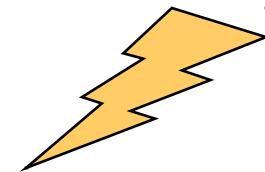
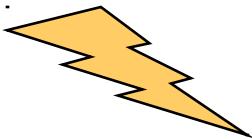


# *Antiterrorism/Force Protection*



# SEA CHANGE

- **State of War**
  - **Cannot Defeat Terrorists, Deter Them**
  - **Slow Them Down, Make Them Work Harder**
  - **COs Must Have all the Latest Intel**



# NEVER FORGET....





# ***Navy Shipboard AT/FP Post USS Cole (DDG-67)***

- **Small Boat with Improvised Explosive Detection (IED) Threat**
  - Need to Develop/Enforce Tactics, Techniques & Procedures (TTP) to Counter Ship Waterborne Threat and to Detect Explosives
  - Need to Provide Equipment to Support the TTP



# Antiterrorism/Force Protection

- **Equipment Requirements Considerations**

*Threat*

- Waterside/Underwater Threat
- Landside Threat
- Air Threat

*Purpose*

- Detection (Classify/Clarify)
- Deterrence (Warn)
- Protection (Individual/Ship)
- Neutralization/Defeat (Non-lethal/Lethal)

*Function*

- Standoff (Perimeter Security)
- Assessment
- Inspection
- Response
- Personnel Protection
- Communications



# *Antiterrorism/Force Protection*

- **Partnership with NAVSEA 04L4**
  - ✓ **FY 99 Approached NAVSEA 04L to Assist in Managing FP AEL Material**
  - ✓ **FY 00 Provided \$12M (O&M,N Funds vice OPN) to Develop and Procure Three FP AELs via NAVSEA Outfitting Account**  
**NSLC Responsible for Developing/Updating FP AELs**  
**FISC PS Code 70 Developed Unique Procedures/Processes for Ordering and Expediting FP AEL Requirements**
  - ✓ **FY 01 SEA 04L4 Assisting in Augmentation of Current FP AELs/Providing Central Management**



# ***FY 01 Procurements***

- **FY 01 Procurements Directed by N34**
  - **Night Vision Devices (NVD) Upgrade to bring the Fleet to Generation IV Technology) [\$8M]**
    - ✓ **On Contract; Acceptance Testing; Mid-April Distribution**
    - ✓ **AN/PVS-7C (Goggles) AEL 0-006400411**
      - **Buying 1,233 (Quantities/Platform vary from 2 to 8 Depending on type of Ship)**
    - ✓ **AN/PVS-18 (Pocket Scope) Awaiting AEL Assignment**
      - **Buying 951 for varying Ship Quantities per AEL**
  - **Protected Voice Portable Communication System (PVPCS) Upgrade to provide new radios with "hands free" operation [Approx. \$10M]**
    - ✓ **15 Radios Provided with Upgrade, Total Number of Radios varies / Ship Type**
    - ✓ **Revisit with Fleet to Finalize Requirements**



# ***FY 01 Supplemental***

- **\$2M Procurement to Outfit 5th Fleet with Hand Held Explosive Detection Devices**
  - **Vapor Detectors: Two per Ship**
  - **Particle Detectors: One per Ship**
- **Supplemental Funding Submitted but not approved**



# *The “Way Ahead”*

- **\$1M Per Year OM&N Commencing in FY-02 to FLTCINCs for OPTARs to Repair and Replenish**
- **Refine Equipment Requirements for Current FP AELs Based on Established Tactics, Techniques and Procedures for Countering the Threat**
- **Battle Group Tailored FP Augmentation Material List Being Developed and Funded**



# CVBG ARG

## AT/FP AEL Augmentation

NOMENCLATURE	CVBG & ARG RQD QTY	CVBG & ARG MUST HAVE QTY	UNIT OF ISSUE	EST. UNIT COST	TOTAL CVBG & ARG RQD QTY COST	TOTAL CVBG & ARG MUST BUY QTY COST	COMMENTS
ZODIAC BOAT	12	12	EA	\$8,568.00	\$102,816.00	\$102,816.00	PROCURRING
ZODIAC MOTOR	12	12	EA	\$2,538.00	\$60,912.00	\$60,912.00	PROCURRING
SABER RADIOS - VHF PORT SERIES I	324	324	EA	\$1,765.52	\$572,028.48	\$0.00	HOLD - CHECKING MTS-2000 BUY
SABER ENCRYPTION KEYLOADER	30	30	EA	\$2,276.82	\$68,304.60	\$0.00	HOLD - CHECKING MTS-2000 BUY
ARMOR TRAUMA PLATE	1025	1025	EA	\$200.00	\$205,000.00	\$205,000.00	PROCURRING
ION DETECTOR - EXPLOSIVES-CHEMICAL AGENTS-DRUGS	38	17	EA	\$25,741.00	\$978,158.00	\$0.00	HOLD - MEDLOG CHECKING
10' X 10' TENT	30	30	EA	\$599.99	\$17,999.70	\$17,999.70	Procuring - Fleet Landing & Pier Head Insp Site
FOLDING TABLE 3' X 5'	30	30	EA	\$29.99	\$899.70	\$899.70	Procuring - Fleet Landing & Pier Head Insp Site
NIGHT VISION BINOCULARS	44	0	EA	\$1,995.00	\$87,780.00	\$0.00	Already Procuring & pushed NAVSEA NV Gogg
WATERLINE SECURITY LIGHTS 1500W	148	148	EA	\$58.41	\$8,644.68	\$8,644.68	PROCURRING
VEHICLE INSPECTION MIRROR	45	30	EA	\$63.00	\$2,835.00	\$1,890.00	Procuring - Fleet Landing & Pier Head Insp Site
DIGITAL CAMERA	17	0	EA	\$691.14	\$11,749.38	\$0.00	HOLD - Use PAO near term - revisit
5000' YELLOW FLOATING LINE	75	75	SPOOL	\$119.16	\$8,937.00	\$8,937.00	PROCURRING
YELLOW BOUYS	160	160	EA	\$24.95	\$3,992.00	\$3,992.00	PROCURRING
ANCHORS	160	160	EA	\$42.50	\$6,800.00	\$6,800.00	PROCURRING
WARNING SIGN SET	45	30	EA	\$149.50	\$6,727.50	\$4,485.00	Procuring - Fleet Landing & Pier Head Insp Site
WARNING TAPE SET	900	600	EA	\$7.99	\$7,191.00	\$4,794.00	Procuring - Fleet Landing & Pier Head Insp Site
BIO-HAZ DETECTOR	55	17	EA	\$4,342.40	\$238,832.00	\$0.00	MEDLOG CHECKING
ROV W/ U/W CAMERA & LIGHTING	31	0	EA	\$7,895.00	\$244,745.00	\$0.00	HOLD PENDING EOD OPEVAL
PA SYSTEM FOR BOATS	39	39	EA	\$358.00	\$13,962.00	\$13,962.00	PROCURRING
JP-5 GENERATOR	39	26	EA	\$3,028.00	\$118,092.00	\$78,728.00	Procuring - Fleet Landing & Pier Head Insp Site
PORTABLE LIGHTING	39	26	EA	\$41.25	\$1,608.75	\$1,072.50	Procuring - Fleet Landing & Pier Head Insp Site
TIRE SPIKE SET	45	30	EA	\$337.00	\$15,165.00	\$10,110.00	Procuring - Fleet Landing & Pier Head Insp Site
MOBILE X-RAY MACHINE (SMALL PKG)	19	4	EA	\$14,110.00	\$268,090.00	\$0.00	HOLD - PENDING CVN & LHD OPEVAL
<b>TOTAL</b>					<b>\$3,051,269.79</b>	<b>\$531,042.58</b>	

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# ***Proposed AEL Update***

- **Continue to Determine Actual Fleet Requirements**
  - **To Support Tactics, Techniques and Procedures (TTP)**
  - **Results of AT/FP Conference**
  - **Input from Technical Studies (CAPS, NOOTW)**
  - **Fleet Feedback**
- **Assess Requirements (On-going)**
- **Obtain Funding**
- **Centralized Sponsorship and Management (N34)**
  - **Utilize NAVSEA Outfitting Account (SEA 04L4)**
  - **Centralized Procurement (NSLC N50/FISC PS Code 70)**



# *Backup*



# ***FY 00 Procurements***

## ***Status of Current Force Protection AEL***

<b>Item</b>	<b>Shipping Status as of: 03/09/2001</b>
<b>Baton</b>	<b>60%</b>
<b>Binocular</b>	<b>99.6%</b>
<b>Body Armor</b>	<b>100%</b>
<b>Bolt Cutters</b>	<b>62%</b>
<b>First Aid Kit</b>	<b>100%</b>
<b>Flashlight</b>	<b>100%</b>
<b>Flyers Bag</b>	<b>100%</b>
<b>Helmets</b>	<b>98%</b>
<b>Kneepads</b>	<b>100%</b>
<b>Legirons</b>	<b>100%</b>
<b>Megaphones</b>	<b>100%</b>



# ***FY 00 Procurements***

## ***Status of Current Force Protection AEL (Cont'd)***

<b>Item</b>	<b>Shipping Status as of: 03/09/2001</b>
<b>Metal Detector</b>	<b>87%</b>
<b>Mirror</b>	<b>53%</b>
<b>Pepper Fogger</b>	<b>87%</b>
<b>Pepper Spray</b>	<b>100%</b>
<b>Radiation Glove Inserts</b>	<b>100%</b>
<b>Rangefinder</b>	<b>100%</b>
<b>Tactical Vests</b>	<b>39%</b>
<b>Whistle</b>	<b>100%</b>
<b>Camelback Drinking System</b>	<b>100%</b>
<b>Searchlight</b>	<b>11%</b>



# Proposed AT/FP AEL Additions

Threat: Waterside/Underwater

Function: Standoff (Perimeter Security)

Equipment	Purpose	Quantity/ Ship	Availability
Security Boat(s)	Deter/Detect/ Protect/Defeat/C2)	3	NT
Barriers Oil Containment Booms/ Inflatable Bouys RGES	Deter/Protect/Defeat	Various	NT
Warning Devices	Deter/Neutralize	Various	
Bullhorn (w/foreign language warnings pre-recorded)			MT
Flashing Lights			NT
Sirens			NT
Flare Gun			NT
Laser Light (Dissuader)			NT
Ship's 1MC (w/foreign language recordings)			MT
Signage (w/foreign language)			MT

Availability	
LT	Long Term
NT	Near Term
MT	Mid Term



# ***Proposed AT/FP AEL Additions***

**Threat: Waterside/Underwater**

**Function: Assessment**

Equipment	Purpose	Quantity/Ship	Availability
<b><i>Hull Lighting System (Ship System)</i></b>	<b>Detection</b>	<b>1</b>	<b>LT</b>
<b><i>Underwater Lighting System (Ship System)</i></b>	<b>Detection</b>	<b>1</b>	<b>LT</b>
<b>Portable Floodlights</b>	<b>Detection</b>	<b>3</b>	<b>NT</b>
<b>Remotely Operated U/W CCTV</b>	<b>Detection</b>	<b>1</b>	<b>NT</b>
<b>Thermal Imagers</b>	<b>Detection</b>	<b>3</b>	<b>NT</b>
<b>Tactical Lights (hand held)</b>	<b>Detection</b>	<b>20</b>	<b>NT</b>



# *Proposed AT/FP AEL Additions*

**Threat: Waterside/Underwater**  
**Function: Inspection**

Equipment	Purpose	Quantity/ Ship	Availability
Portable Explosive Detectors (vapor & particle)	<b>Detection</b>	2 vapor 1 particle	NT
Digital Cameras	<b>Detection</b>	2	NT
Portable CHEM/BIO Detectors		TBD	TBD
Remote U/W CCTV (See also Assessment Function)	<b>Detection</b>	1	NT
Selected Vehicle Insp Technology	<b>Detection</b>	1	NT



# ***Proposed AT/FP AEL Additions***

**Threat: Waterside/Underwater**

**Function: Personnel Protection**

<b>Equipment</b>	<b>Purpose</b>	<b>Quantity/ Ship</b>	<b>Availability</b>
<b>Body Armor Trauma Plate</b>	<b>Protect</b>	<b>Various</b>	<b>NT</b>



# *Proposed AT/FP AEL Additions*

**Threat: Waterside/Underwater**

**Function: Response**

Equipment	Purpose	Quantity/ Ship	Availability
Treble Hooks	Neutralize/Defeat	Various	NT
Grapple Hooks	Neutralize/Defeat	Various	NT
Water Cannon/Special Fire-Hose Nozzle	Neutralize/Defeat		



# *Proposed AT/FP AEL Additions*

**Threat: Waterside/Underwater**

**Function: Communications (C2)**

Equipment	Purpose	Quantity/ Ship	Availability
<b>PVPCS (FY 01 Buy)</b>	<b>Improved Communications</b>	<b>15</b>	<b>NT</b>

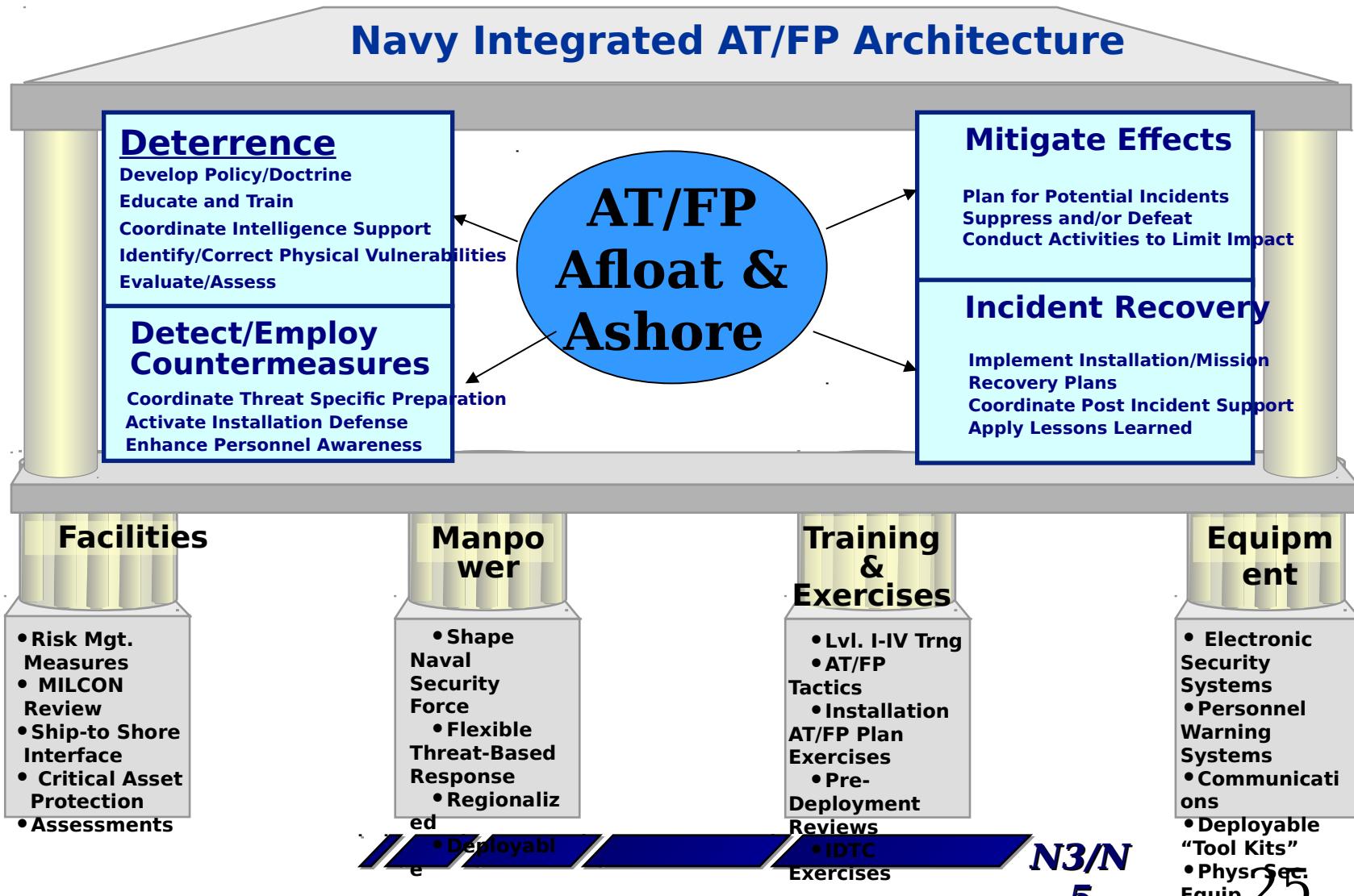


# N34 AT/FP Strategy to Capabilities //





# N34 AT/FP Strategic Plan





# ***FY 01 Procurements***

## ***Shipboard "Fly-Away" Kit***

- Suggested Items to Address Off-board Asymmetric Threat for Ships In-port/Moored in High Threat Areas**
  - ✓ Portable Surface Search Radar (SSR)
  - ✓ Portable Air Alert Radar (AAR)
  - ✓ Portable Swimmer Detection Sonar (SDS)
- ✓ Shipboard Security Intrusion Detection Sensor
- ✓ Boat Barriers
- ✓ NVD (AN/PVS-7 goggles, AN/PVS-11 pocket scope)
- ✓ Hand-held Thermal Imagers
- ✓ Inflatable Zodiac Boat
- ✓ Low Free Board Waterside Security Lights

*Part of Previous  
Shipboard  
Physical Security  
Program*

*TSWG  
Projects*

*To be supplied by Shore  
Assets & Requested via  
LOGREQ*

*Existing  
Shipboard AELs*